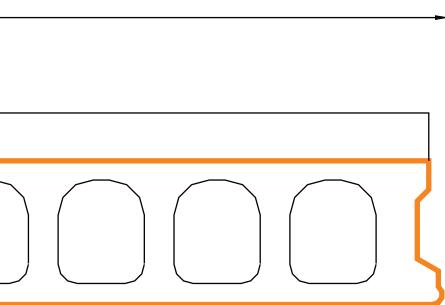


SECTION PROPERTIES

| TOPPING | 0 CM. | 5 CM. |
|------------------------------------|--------|--------|
| A (cm. ²) | 932 | - |
| I (cm. ⁴) | 26,029 | 58,045 |
| Y _b (cm.) | 7.50 | 10.83 |
| Y _t (cm.) | 7.50 | 9.17 |
| Z _b (cm. ³) | 3,470 | 5,359 |
| Z _t (cm. ³) | 3,470 | 6,329 |
| w (kg/m. ²) | 186 | 317 |
| e (cm.) | 4.50 | 7.83 |
| b _w (cm.) | 33.40 | 33.40 |



SAFE SUPERIMPOSED SERVICE LOADS (KGS/SQ.M)

| TOPPING | No. of WIRE | Ø Mn (kg-m.) | SIMPLE SPAN IN METER | | | | | | | | | | |
|---------|-------------|--------------|----------------------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-----|
| | | | 3 | 3.5 | 4 | 4.5 | 5 | 5.5 | 6 | 6.5 | 7 | 7.5 | 8 |
| 0 cm. | 6-Ø 5mm. | 2,142.07 | 775 | 528 | 367 | 257 | 178 | | | | | | |
| | 8-Ø 5mm. | 2,819.24 | 1,070 | 744 | 533 | 388 | 284 | 207 | 149 | | | | |
| | 10-Ø 5mm. | 3,478.58 | 1,358 | 955 | 694 | 515 | 387 | 293 | 221 | 165 | | | |
| | 12-Ø 5mm. | 4,120.45 | 1,642 | 1,165 | 856 | 644 | 493 | 380 | 295 | 229 | 176 | | |
| | 14-Ø 5mm. | 4,745.20 | 1,914 | 1,365 | 1,009 | 765 | 591 | 461 | 363 | 287 | 226 | 176 | |
| | 16-Ø 5mm. | 5,353.17 | 2,179 | 1,560 | 1,158 | 883 | 686 | 540 | 429 | 343 | 275 | 220 | 174 |
| | 18-Ø 5mm. | 5,944.69 | 2,437 | 1,749 | 1,303 | 998 | 779 | 617 | 494 | 398 | 322 | 261 | 211 |
| 5 cm. | 6-Ø 5mm. | 3,013.80 | 1,047 | 699 | 473 | 318 | 207 | | | | | | |
| | 8-Ø 5mm. | 3,957.48 | 1,458 | 1,001 | 704 | 500 | 355 | 247 | 165 | | | | |
| | 10-Ø 5mm. | 4,871.86 | 1,857 | 1,294 | 928 | 677 | 503 | 370 | 269 | 182 | | | |
| | 12-Ø 5mm. | 5,757.63 | 2,243 | 1,577 | 1,150 | 853 | 642 | 485 | 366 | 262 | 159 | | |
| | 14-Ø 5mm. | 6,615.47 | 2,621 | 1,856 | 1,360 | 1,020 | 776 | 596 | 459 | 343 | 228 | | |
| | 16-Ø 5mm. | 7,446.04 | 2,983 | 2,122 | 1,563 | 1,180 | 906 | 704 | 550 | 423 | 298 | 196 | |
| | 18-Ø 5mm. | 8,249.99 | 3,333 | 2,379 | 1,760 | 1,336 | 1,033 | 808 | 637 | 504 | 367 | 257 | 165 |